



SSD Application

# NEWCASTLE GRAMMAR SCHOOL MASTERPLAN

**REVISION J**

**SITE**

Parkway Avenue, Cooks Hill NSW

**CLIENT**

Newcastle Grammar School

**DATE**

07.10.21

**PROJECT NO.**

4293



SHAC

# Executive Summary

The Newcastle Grammar School Masterplan is a comprehensive guide to the future development of the current Newcastle Grammar School Park Campus. The masterplan includes the school subject sites as well as a precinct study of the surrounding context such as National Park and Cooks Hill. The purpose of the masterplan is to ensure cohesive campus development up to 2023 and to continually monitor progress for an additional 10 year and 15 year time period.

The masterplan is to parallel to the overall precinct study area, balancing the changing needs of the school and the community, including current and future learning and teaching pedagogy, environments, space, and change. The built environment must retain the ability to embody the values and aspirations of the NGS by being adaptable through flexibility, affordable through efficiency, and sustainable by design.

## Summary of Works

### Site Preparation, Demolition & Excavation:

- Demolition of 3 existing buildings in two stages
- Tree removal
- Excavation works to facilitate new works
- Installation of civil, hydraulic & electrical services

### Existing Buildings:

- Refurbishment of existing Block B to provide administration and staff spaces
- Refurbishment & new construction to corner element of Block A

### New Buildings:

- Stage 01: Learning spaces
- Stage 02: Learning spaces

### Landscaping:

- Construction of new playspace
- Screening vegetation where appropriate

## Project Acknowledgements

### Client Team:

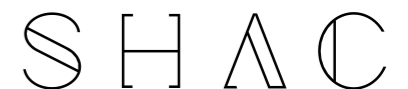
Erica Thomas	Head of School	Newcastle Grammar School
Alan Parsons	Deputy Head of School	Newcastle Grammar School
David Frazer	Business Manager	Newcastle Grammar School
Alicha Dyer	Head of Primary	Newcastle Grammar School
Amy Falconer	Head of Teaching & Learning	Newcastle Grammar School

### SHAC Architectural Team:

Justin Hamilton	Managing Director
Elizabeth Brown	Director
Janai Lemar	Graduate of Architecture
Jenny Whittal	Graduate of Architecture

### Consultant Team:

Project Management	APP Corporation	Brendan Fisher, Simone O'Connor
Landscape Architect	Gallagher Studio	Libby Gallagher, Scott Van Den Boogaard
BCA	NewCert	Antony Ridgway
Town Planners	SLR	Peter Chrystal, Melissa Thomas
Acoustic Engineer	SLR	Melissa Thomas, Martin Davenport
Cultural/Heritage	Heritage Now	Tessa Boer-Mah
Community Consultation	Mara Consulting	Kelly Lofberg
Access	Lindsay Perry	Lindsay Perry
Surveyor	Delf Lascelles	
Traffic Engineer	Intersect Traffic	Jeff Garry
Fire Engineer	Affinity Fire	Shane Edmonds
Quantity Surveyor	Muller	Grant Muller, Lachlan Hanlon
Hazard Materials Consultant	Practical Environmental Solutions	Anthony Milligan
Arborist	Abacus	Bradley Magus
Geotechnical/Environmental	Tetra Tech Coffey	Simon Baker, Paul Wright, Sean Blackford
Structural & Civil Engineer	Lindsay & Dynan	Peter Forder, Nick Lane
Services Engineer	Marline	Daniel White, Brendan Maher, Lee Reid, Jim Allen, Mehran Haratian





*"This piece is part of my Formation series. A series inspired by the formation of the land. It depicts layers of sand, stone, rock and coal. Each layer of the earth telling its own story, witnessing its own past present and future. The dotted lines pay tribute to my great, great grandfather, a proud Wiradjuri man who worked as a tracker. The lines represent his tracks and those of the generations before us on the same land. This style of painting is featured throughout most of my work connecting my art to my family and people."*

**Lauren Freestone**, a contemporary Indigenous artist based in Newcastle.

## Acknowledgement of Country

SHAC acknowledges the Traditional Custodians of the land, the Awabakal & Worimi people, upon which this document was created, as well as the land where this document now rests in your hands. We pay respect to Elders past, present and emerging, and we honour Australian Aboriginal and Torres Strait Islander peoples' unique cultural and spiritual relationships to place, and their rich contribution to our society. **To that end, all our work seeks to uphold the idea that if we care for Country, it will care for us.**



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No.	Drawing	Rev
MP1.01	Proposed Masterplan	D
MP1.02	Masterplan - Ground Floor	E
MP1.03	Masterplan - First Floor	D
MP1.04	Masterplan - Second Floor	D
MP1.05	Masterplan - Roof	B
MP1.06	Masterplan - Blocking & Stacking	D
MP1.07	Masterplan - Stage 01 Ground Floor	A
MP1.07	Masterplan Stage 01	A
MP1.08	Masterplan - Stage 01 First Floor	A
MP1.09	Masterplan - Stage 01 Second Floor	A

## Quality Assurance

# Summary of Revisions

No	Drm	Chk	Date	Content
J	JL	JH / EB	07.10.21	SSD
I	JL	JH / EB	27.09.21	SSD Draft
H	JL / JM	JH / EB	14.12.20	Request For SEARs
G	JL / JM	JH / EB	4293	Preliminary Request for SEARs
F	JL / JM	JH / EB	12.11.20	Concept Design 60%

### SHAC

**A** 224 Maitland Road, Islington NSW 2296  
**T** (02) 4961 5888  
**W** shac.com.au

Checked By: JH / EB  
 Author: JL

"SHAC"  
 Nominated Architect Justin Hamilton (6160)

Ref: 4293.515.05 NGS Park Campus Stage 1  
 MASTERPLAN FILE ONLY.pln

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

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## SSD Application

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### LEGEND

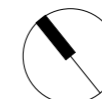
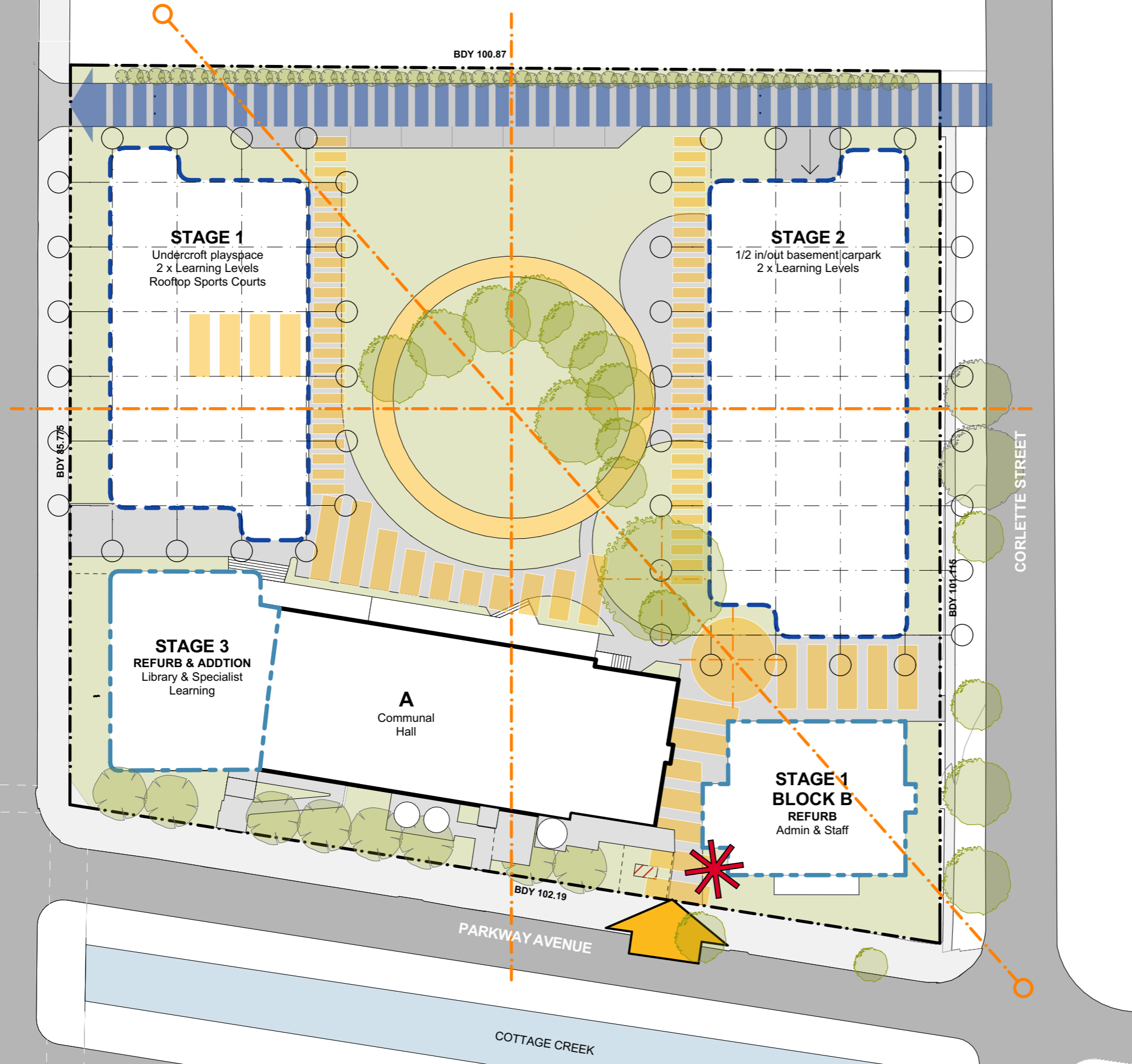
-  - EXISTING PERMANENT BUILDINGS
-  - ROAD
-  - BUILDINGS TO BE DEMOLISHED
-  - PROPOSED BUILDING FOOTPRINT
-  - EXISTING BUILDINGS TO BE REFURBISHED
-  - ONSITE VEHICULAR CIRCULATION
-  - ONSITE PEDESTRIAN CIRCULATION
-  - HARDSTAND PLAY
-  - SCHOOL ENTRY POINTS
-  - EXISTING SITE TREES
-  - PROPOSED SCREEN PLANTING
-  - ADMINISTRATION / VISITOR ENTRY POINT

### FULL MASTERPLAN

Function	Required Area (sqm)	Area (sqm)
Admin	170	129
Canteen	55	114
Communal Hall	272	1,225
Learning Space	2,087	(21) 2,728
Library & ISTEM	425	1,504
OOSH		98
Peripatetic Studios		41
PE	34	
Staff	125	480
Stores & Services	54	68
Student Amenities	196	508
	<b>3,418 m<sup>2</sup></b>	<b>6,895 m<sup>2</sup></b>

### NEW CONSTRUCTION

Function	Area (sqm)
Learning Space	1,305
Library & ISTEM	47
Staff	62
Student Amenities	32
	<b>1,446 m<sup>2</sup></b>
External Covered Play	1,579
Learning Space	1,564
Library & ISTEM	423
OOSH	98
Staff	62
Student Amenities	32
	<b>2,179m<sup>2</sup></b>
Car Park	1,227



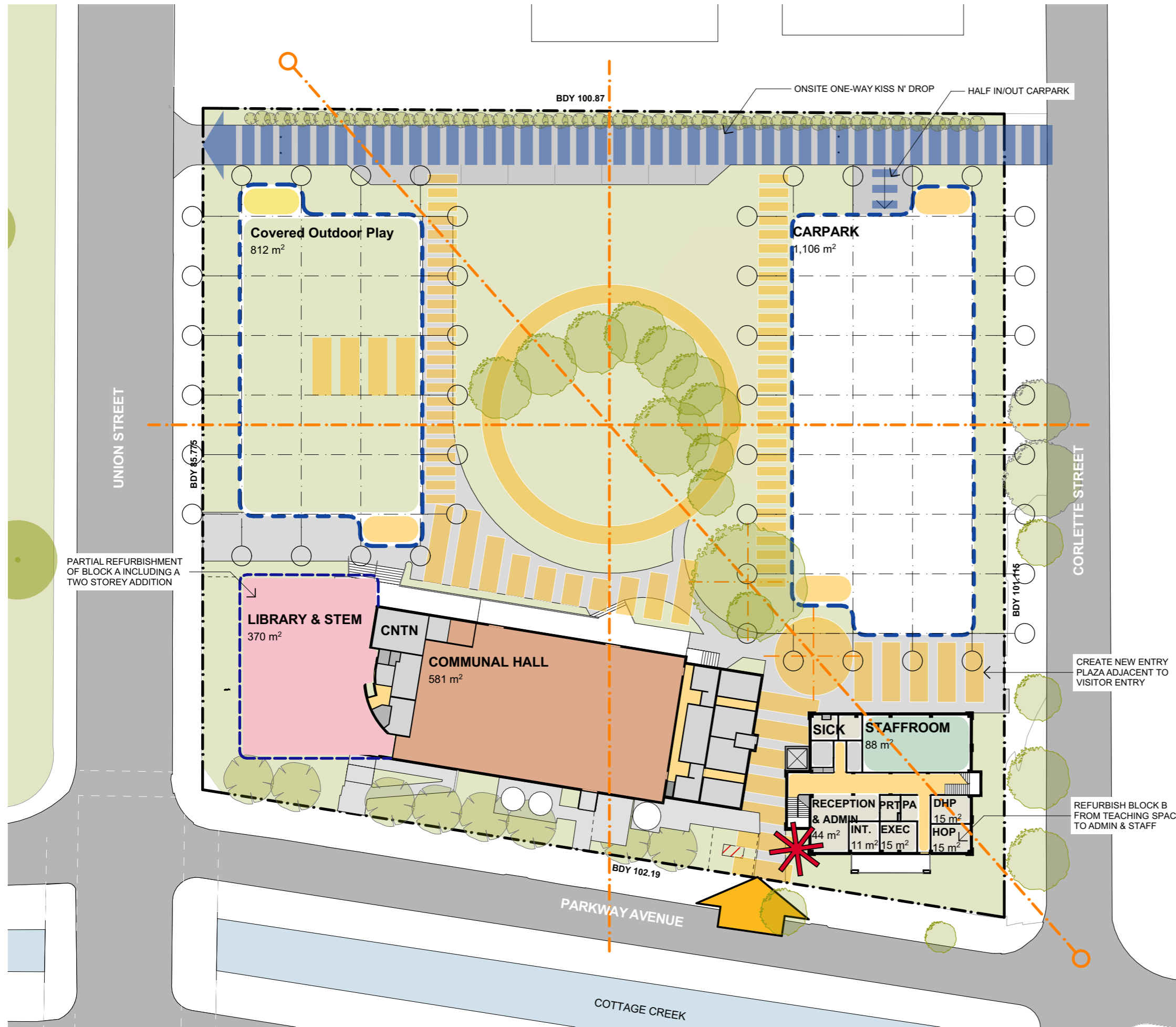


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










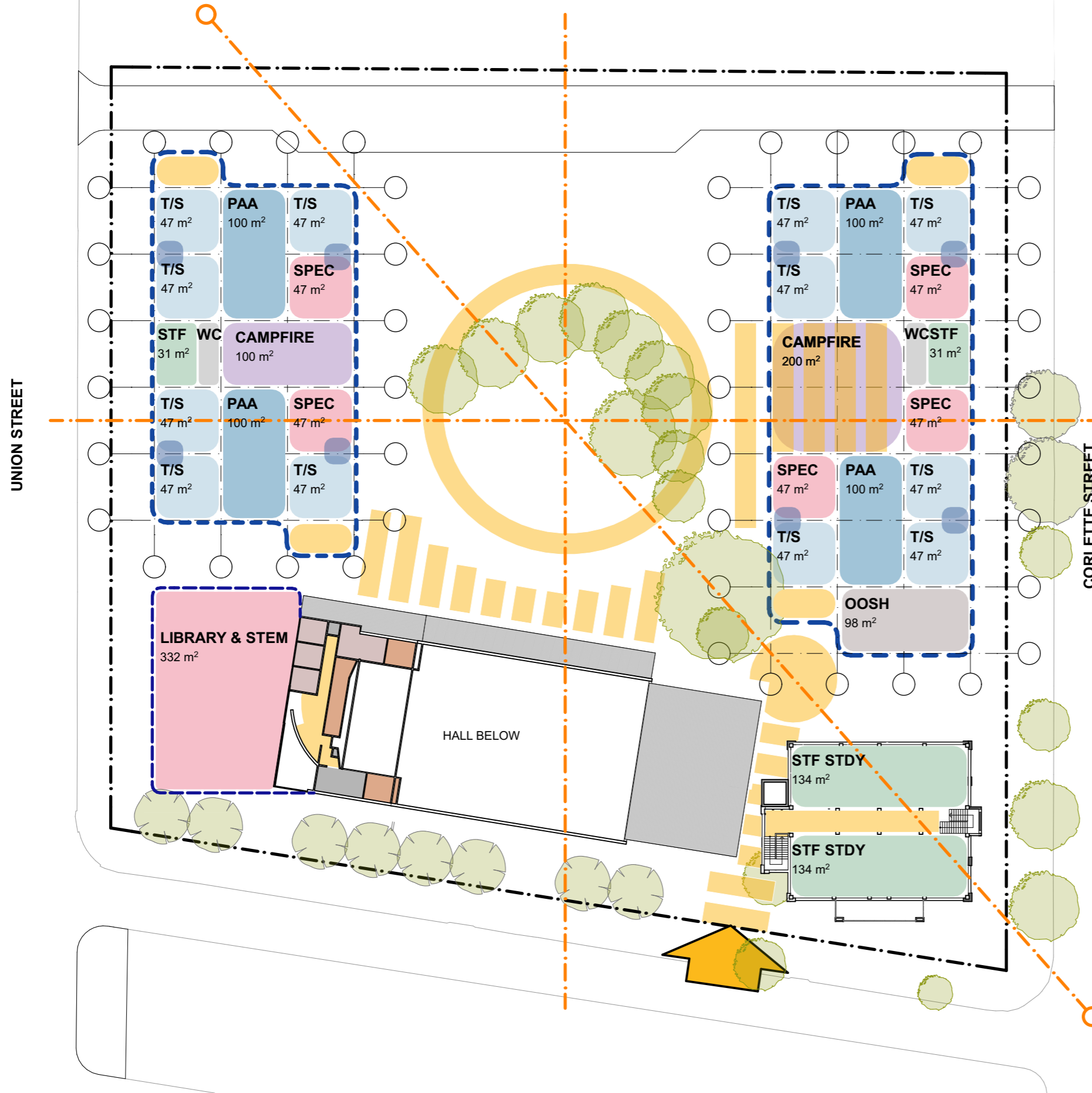
Drawing and design © SHAC Pty Ltd 2016. The signed control copy of this drawing is held by SHAC Pty Ltd. | Ref: P-42004293 NGS Park Campus - Stage 1 | 1515 Sketch Design | 4293\_515\_05 NGS Park Campus Stage 1 MASTERPLAN FILE ONLY | pin date: 7/10/2021 time: 4:42 PM

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








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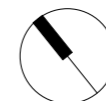
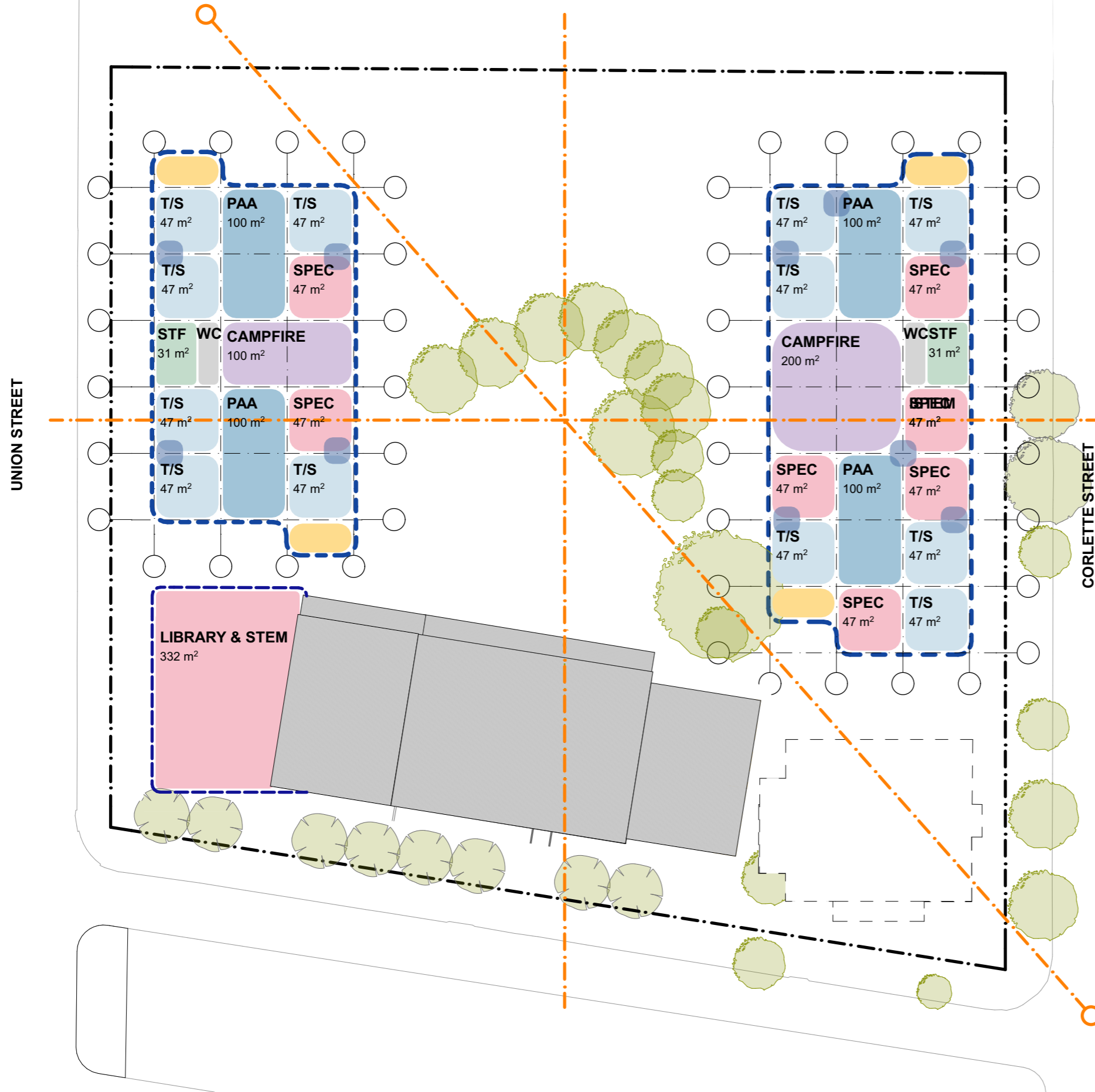


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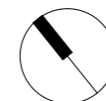
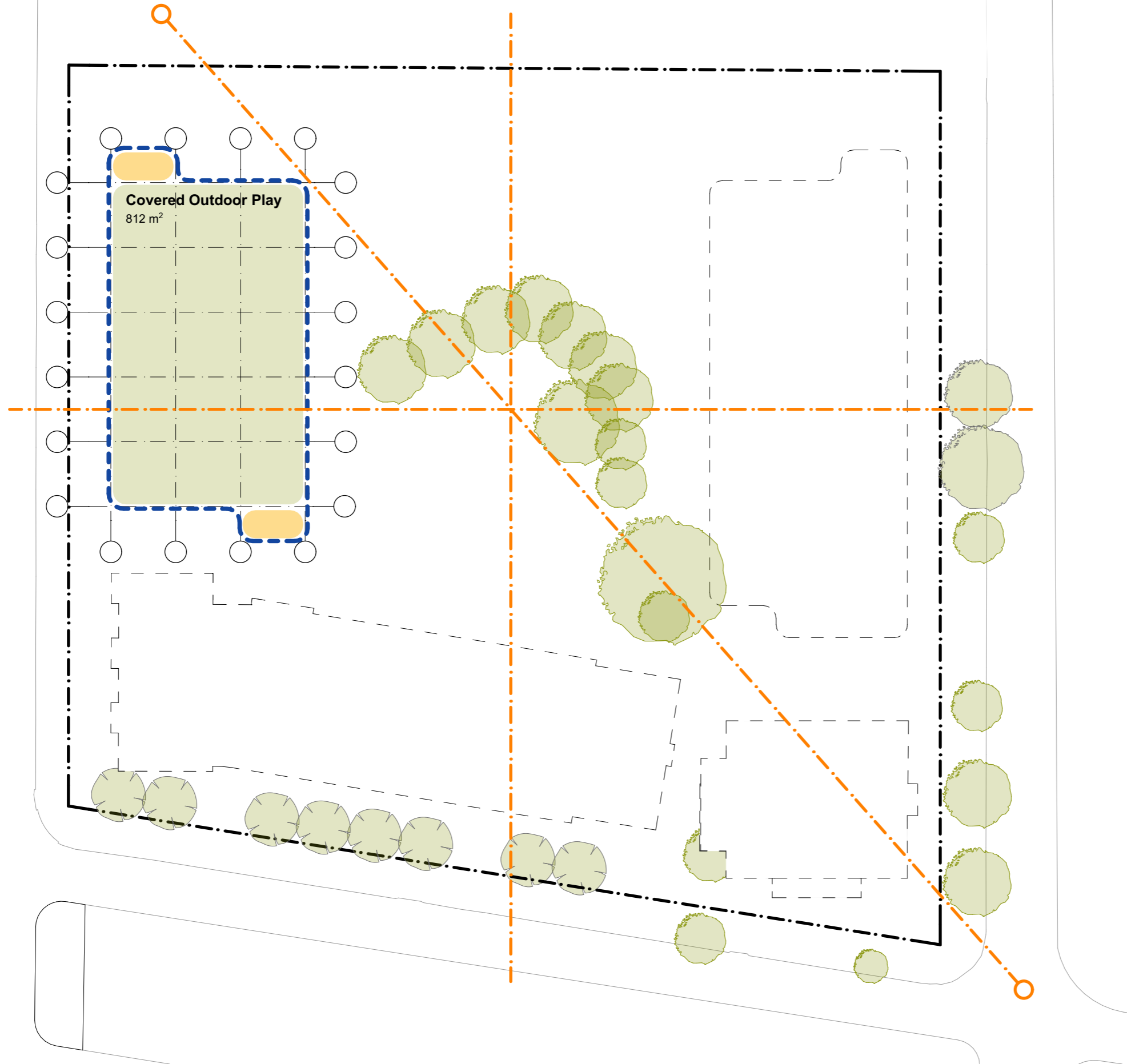


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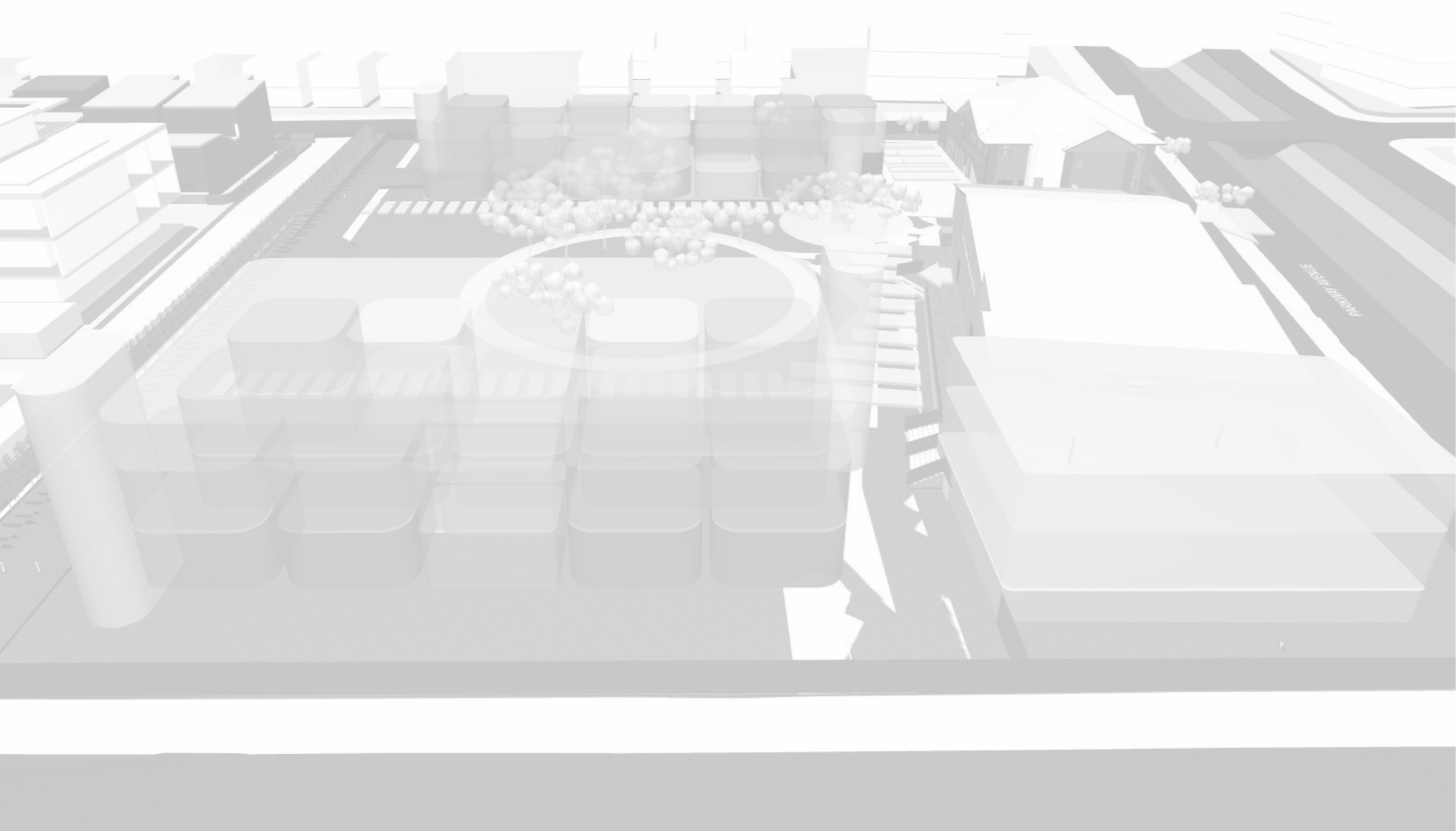
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Masterplan  
Stage 01








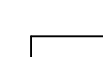






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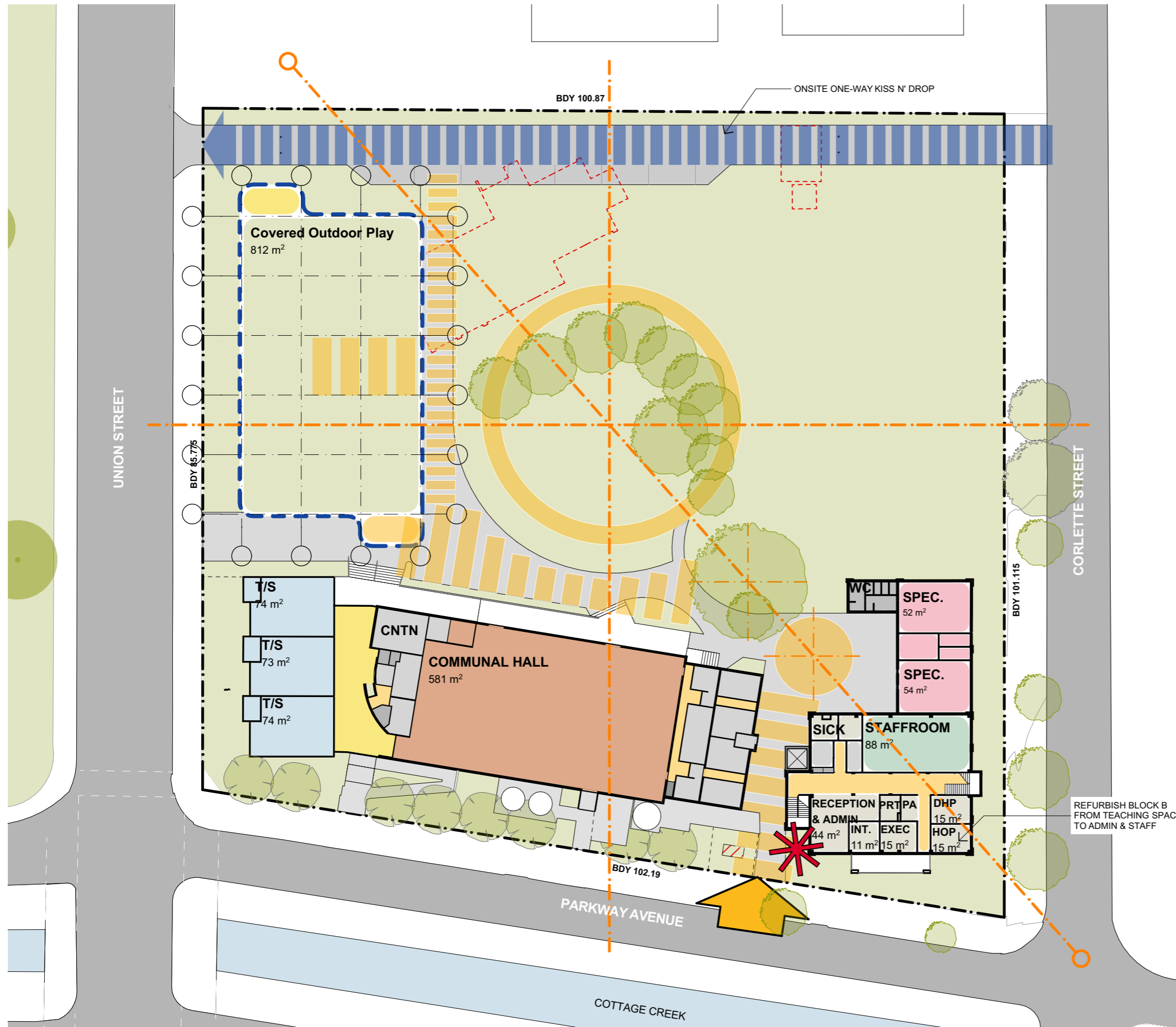
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### FULL STAGE 01

Function	Required Area (sqm)	Area (sqm)
Admin	170	129
Canteen	55	114
Communal Hall	272	1,225
Learning Space	(21) 2,087	(21) 1,457
Library & ISTEM	425	203
Peripatetic Studios		41
PE	34	
Staff	125	150
Stores & Services	54	63
Student Amenities	196	476
	<b>3,418 m<sup>2</sup></b>	<b>3,858 m<sup>2</sup></b>

### STAGE 01 CONSTRUCTION













Learning Space	1,305
Library & ISTEM	47
Staff	62
Student Amenities	32
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External Covered Play	1,579

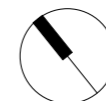


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








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